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World Forum for Harmonization of Vehicle Regulations

Working Party on Automated/Autonomous and Connected Vehicles*

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Item 14 (b) of the provisional agenda
Remaining activities from the former Working Party on Brake and Running Gear (handover period): Mechanical coupling

Proposal for Supplement 8 to the 01 Series of Amendments to UN Regulation No. 55 (Mechanical couplings)

Submitted by the expert from European Association of Automotive Suppliers**

The text reproduced below was prepared by the expert from the European Association of Automotive Suppliers (CLEPA) introducing an amendment to the UN Regulation No. 55. It is based on GRRF-86-03 and refers to ECE/TRANS/WP.29/GRRF/2014/28. It is aimed at clarifying the text of the Regulation. The modifications to the existing text of the Regulation are marked in bold for new and strikethrough for deleted characters.

* Formerly: **Working Party on Brakes and Running Gear (GRRF)**.

** In accordance with ECE/TRANS/274, para 52, with ECE/TRANS/WP.29/1139, para. 33 and with the programme of work of the Inland Transport Committee for 2014–2018 (ECE/TRANS/240, para. 105 and ECE/TRANS/2014/26, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

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I. Proposal

Annex 5,

Paragraph 13.1., amend to read:

"13.1. Devices for remote indication and remote control are permitted only on automatic drawbar couplings and automatic fifth wheel couplings.

~~Devices for remote indication and remote control are permitted only on automatic coupling devices of Classes C50-X and G50-X.~~

Devices for remote indication and remote control shall not interfere with the minimum free movement of the coupled drawbar eye or coupled semitrailer. They shall be permanently fitted to the vehicle.

All the devices for remote indication or remote control fall within the scope of testing and approval of the coupling device together with all parts of the operating devices and transmission devices."

II. Justification

1. Supplement 04 to 01 series of amendments (see ECE/TRANS/WP.29/GRRF/2014/28 and corresponding ECE/TRANS/WP.29/2015/07) deleted the second subparagraph of paragraph 13.1 (former paragraph 12.1) but this is not reflected in Revision 2 of UN Regulation No. 55. It is therefore necessary to confirm the deletion of the concerned subparagraph.

2. Furthermore, Supplement 4 to the 01 series of amendments does not clearly indicate whether the third and fourth subparagraphs of paragraph 13.1 (former paragraph 12.1) should be deleted or not. It could be interpreted in such a way that all subparagraphs are deleted or that all subparagraphs are retained. Given the discussion at GRRF at the seventy-eighth session, it seems that the intention of GRRF was to only delete the restriction on automatic coupling devices of Classes C50 X and G50 X, and therefore to only delete the second subparagraph and keep the third and the fourth subparagraph.

3. Here is for reference the text in ECE/TRANS/GRRF/2014/28 already adopted as Supplement 4 to the 01 series of amendments as per document ECE/TRANS/WP.29/2015/07:

Paragraph 12.1., amend to read:

"12.1. Devices for remote indication and remote control are permitted only on automatic **drawbar couplings and automatic fifth wheel couplings** ~~coupling devices of Classes C50-X and G50-X.~~"

4. This proposal therefore re-introduces the missing sub-paragraphs into the Regulation and as a consequence clarifies the modification to UN Regulation No. 55 intended per Supplement 4 to the 01 Series of amendments.